

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH1754 (US)

APPLICATION NUMBER

LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
J. F. Knifton et al.

FILING DATE

GROUP ART UNIT

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
/ML/	AA	3,511,880	5/12/70	Booth	260	604	
/ML/	AB	4,242,284	12/30/80	Harris et al.	568	454	
/ML/	AC	4,861,918	8/29/89	Miller et al.	568	454	
/ML/	AD	5,744,649	4/28/98	Bryant et al.	568	454	
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	N
	AL							
	AM							
	AP							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

/ML/	AR	"Properties of the Principal Fats, Fatty Oils, Waxes, Fatty Acids and Their Salts," by M. P. Doss, The Texas Company, 1952,
/ML/	AS	Rodds' Chemistry of Carbon Compounds, p. 87
/ML/	AT	" β -Hydroxypropionic Acid," Organic Synthesis, Collective, Vol. 1, 2nd Edition, p. 321
/ML/	AU	"Surface-Active Derivatives, Soaps, and Detergents," by W. M. Lynfield
/ML/	AV	"Complex Formation between Carboxylic Acids and Divalent Metal Cations," by R. Keith Cannan and Andre Kibrick, J. Amer. Chem. Soc., 60, (1938) pp. 2314-2320

EXAMINER

/Marialouisa Lao/

DATE CONSIDERED

08/03/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

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J. F. Knifton et al.FILING DATE
October 1, 2003GROUP ART UNIT
1621

REFERENCE DESIGNATION

PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
/ML/	AA	Ser. No. 08/550,589	10/31/95	Lam et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
/ML/	AL	WO 97/16250	5/9/97	World	B01J	31/20		
	AM							
	AN							
	AO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

/ML/	AR	International Search Report of March 2, 2004
	AS	
	AT	

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
/ML/	AA	4,873,378	10/10/89	Murphy et al.	568	867	
/ML/	AB	4,873,379	10/10/89	Murphy	568	867	
/ML/	AC	5,053,562	10/1/91	Tau	568	867	
/ML/	AD	5,030,766	7/9/91	Briggs et al.	568	496	
/ML/	AE	5,210,318	5/11/93	Briggs et al.	568	496	
/ML/	AF	5,256,827	10/26/93	Slaugh et al.	568	454	
/ML/	AG	5,304,686	4/19/94	Slaugh et al.	568	496	
/ML/	AH	5,304,691	4/19/94	Arhancet et al.	568	867	
/ML/	AI	5,426,249	6/20/95	Haas et al.	568	862	

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Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date If Appropriate
/ML/	BA	5,015,789	5/14/91	Arntz et al.	568	862	
/ML/	BB	5,171,898	12/15/92	Arntz et al.	568	862	
/ML/	BC	5,276,201	1/4/94	Haas et al.	568	491	
/ML/	BD	5,334,778	8/2/94	Haas et al.	568	862	
/ML/	BE	5,364,987	11/15/94	Haas et al.	568	866	
	BF						
	BG						
	BH						
	BI						

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							Yes	No
	BL							
	BM							
	BN							
	BO							

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